



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



RECEIVED

AUG 29 2002

Technology Center 2600

NOVEMBER 27, 2001

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

FERNANDEZ & ASSOCIATES, LLP  
DENNIS S. FERNANDEZ, ESQ.  
P.O. BOX D  
MENLO PARK, CA 94026-6204



\*101855175A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/11/2001

REEL/FRAME: 012181/0994  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WANG, JOHN S.

DOC DATE: 09/11/2001

ASSIGNOR:

BHOJA, SUDEEP

DOC DATE: 09/11/2001

ASSIGNOR:

PAVAN, SHANTHI

DOC DATE: 09/11/2001

ASSIGNEE:

BIGBEAR NETWORKS, INC.  
1591 MCCARTHY BLVD.  
MILPITAS, CALIFORNIA 95035

SERIAL NUMBER: 09955278  
PATENT NUMBER:

FILING DATE: 09/11/2001  
ISSUE DATE:

RECEIVED

AUG 29 2002

Technology Center 2600

012181/0994 PAGE 2

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



09-25-2001

Docket No.: BEAR-P020

RECORDATION 101855175 FOR ASSIGNMENT

The Commissioner for Patents  
Washington, D.C. 20231

9/11/01

RECEIVED

AUG 29 2002

Technology Center 2600



Dear Sir:

Please record the attached original documents or copy thereof.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## 1. Name of conveying party:

Inventor (s): Wang, John S.  
Bhoja, Sudeep  
Pavan, Shanthi

Serial No: (Not yet assigned)

Filed: 09/11/2001

Execution Date:

09/11/2001

09/11/2001

09/11/2001

Group Art Unit: (Not yet assigned)

Examiner: (Not yet assigned)

09/955278

## 2. Name and Address of

Receiving party: BigBear Networks, Inc.  
1591 McCarthy Blvd.  
Milpitas, CA 95035

## 3. Nature of Conveyance: Assignment

## 4. Patent Application(s) / Patent Number(s): (not yet assigned)

New Patent Application Entitled:

**"Method and Apparatus for Improved High-Speed Adaptive Equalization"**

## 5. Name and address of party to whom correspondences concerning document should be mailed:

Name: DENNIS S. FERNANDEZ, ESQ.

Address: FERNANDEZ & ASSOCIATES, LLP  
PATENT ATTORNEYS  
PO BOX D  
MENLO PARK, CA 94026-6204  
PHONE: (650) 325-4999 FAX: (650) 325-1203  
EMAIL: [iploft@iploft.com](mailto:iploft@iploft.com)

## 6. Total Number of applications and patents involved: ONE

## 7. Fee Calculation

Assignment Recordation Fee \$40.00

Total Fees (37 CFR 3.41): \$40.00 X Enclosed       Authorized to be charged to Deposit Account

## 8. Deposit Account Number:

In case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to Deposit Account No: 500482. A duplicate copy of this authorization is enclosed.

## 9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

09/20/2001 JBALINAH 00000050 09955278

03 FC:581

40.00 OF

Peter C. Su, Esq.  
Reg. No. 43,939

Date: 9/11/2001

Docket No. : BEAR-P020

**ASSIGNMENT**

Whereas, We, **JOHN S. WANG, SUDEEP BHOJA and SHANTHI PAVAN** having agreed to assign the below identified invention to **BIGBEAR NETWORKS, INC.** ("BIGBEAR NETWORKS"), a Delaware corporation having its principal place of business at 1591 McCarthy Blvd., Milpitas, CA 95035 for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto **BIGBEAR NETWORKS**, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

**Method and Apparatus for Improved High-Speed Adaptive Equalization**

  X   filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_, filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of **BIGBEAR NETWORKS**, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to **BIGBEAR NETWORKS**, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: John S. Wang Date: Sep. 11, 2001  
JOHN S. WANG

Inventor's Signature: Sudeep Bhoja Date: Sep. 11, 2001  
SUDEEP BHOJA

Inventor's Signature: Shanthi Pavan Date: 9/11/01  
SHANTHI PAVAN